

Amendments to the Specification:

12/18/06
JD

Please replace the paragraph on page 12, line ¹²32 – page 13, line 6 of the specification with the following amended paragraph:

The term “identity” refers to the relatedness of two sequences on a nucleotide-by-nucleotide basis over a particular comparison window or segment. Thus, identity is defined as the degree of sameness, correspondence or equivalence between the same strands (either sense or antisense) of two DNA segments (or two amino acid sequences). “Percentage of sequence identity” is calculated by comparing two optimally aligned sequences over a particular region, determining the number of positions at which the identical base or amino acid occurs in both sequences in order to yield the number of matched positions, dividing the number of such positions by the total number of positions in the segment being compared and multiplying the result by 100. Optimal alignment of sequences may be conducted by the algorithm of Smith & Waterman, *Appl. Math.* 2:482 (1981), by the algorithm of Needleman & Wunsch, *J. Mol. Biol.* 48:443 (1970), by the method of Pearson & Lipman, *Proc. Natl. Acad. Sci. (USA)* 85:2444 (1988) and by computer programs which implement the relevant algorithms (e.g., ~~Clustal Macaw Pileup~~ (<http://cmgm.stanford.edu/biochem218/11Multiple.pdf>; Higgins et al., *CABIOS*. 5L151-153 (1989)), FASTDB (Intelligenetics), BLAST (National Center for Biomedical Information; Altschul et al., *Nucleic Acids Research* 25:3389-3402 (1997)), PILEUP (Genetics Computer Group, Madison, WI) or GAP, BESTFIT, FASTA and TFASTA (Wisconsin Genetics Software Package Release 7.0, Genetics Computer Group, Madison, WI). (See U.S. Patent No. 5,912,120.)